2176

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Wolff, et al.	Examiner:	Smith, Peter J.
Serial No.:	09/588,411	Group Art Unit:	2176
Filed:	June 6, 2000	Docket:	60001.0112US01/MS# 149368.1
Confirmation No.:	9449		

Title: METHOD AND SYSTEM FOR SEMANTICALLY LABELING STRINGS AND PROVIDING ACTIONS BASED ON SEMANTICALLY LABELED STRINGS

CERTIFICATE UNDER 37 CFR 1.8:
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop PETITION, Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 on October 21, 2005.

By: _____
Name: Alton Hornsby, III

Mail Stop PETITION
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

27488
PATENT TRADEMARK OFFICE

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Petition to Withdraw Holding of Abandonment Under 37 CFR 1.181(a)
- ☒ Copy of previously submitted Amendment and Response and Stamped Postcard from US Patent Office
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

Merchant & Gould P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903
404.954.5100

By: _____
Name: Alton Hornsby, III
Reg. No.: 47,299
AH

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Wolff, et al.	Atty. Docket:	60001.0112US01
Serial No:	09/588,411	MS Docket No.:	149368.1
Date Filed:	June 6, 2000	Examiner:	Smith, Peter J.
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Certificate of Mailing

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Alton Hornsby III

Mail Stop PETITION
Commissioner for Patents
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Alexandria, VA 22313-1450

PETITION TO WITHDRAW HOLDING OF ABANDONMENT UNDER 37 C.F.R. §1.181(a)

Dear Sir or Madam:

On October 18, 2005, the undersigned representative for the Applicants received a telephone communication from Examiner Smith of the USPTO in which he indicated that a response to the outstanding Office Action mailed on December 8, 2004 had not been received. Although, to date, a Notice of Abandonment has not been received from the USPTO, based on the communication from the Examiner, the instant application stands as being abandoned for failure to receive a response to the Office Action within the six-month maximum statutory period for reply.

Pursuant to 37 C.F.R. § 1.181(a), it is respectfully requested that the holding of abandonment indicated by the Examiner be withdrawn.

APPLICANT HEREBY PETITIONS FOR WITHDRAWAL OF THE HOLDING OF ABANDONMENT IN THIS APPLICATION.

As evidence for this petition, a copy of the USPTO stamped Postcard Receipt indicating that a Transmittal Sheet in duplicate containing a Certificate of Mailing and an Amendment and Response were mailed on June 8, 2005 and received by the USPTO on June 10, 2005, is enclosed herewith. Also enclosed herewith is a copy of the Amendment and Response mailed on June 8, 2005.

Pursuant to MPEP § 711.03(c)(I), no fee for this petition is required.

Remarks

In the above-referenced application, a Non-Final Office Action was mailed on December 8, 2004. Based on the conversation of October 18, 2005 between the Examiner and the undersigned representative for the Applicants, the application stands as being abandoned for failure to receive a response to the Office Action within the six-month maximum statutory period for reply.

The enclosed postcard receipt stamped by the USPTO properly identifies the reply (i.e., an Amendment and Response), the title of the application, the first named inventor of the application, the filing date of the application, and the mailing date of the reply (i.e., June 8, 2005). Based on the aforementioned evidence, it is respectfully submitted that, pursuant to MPEP 503 and 711.03(c) I. B., the stamped postcard receipt properly identifies the application and thus provides *prima facie* evidence that the reply was timely filed. Therefore, it is respectfully requested that the holding of abandonment be withdrawn.

If there are any questions regarding this matter, please call the undersigned at 404.954.5100.

Respectfully submitted,

MERCHANT & GOULD

Date: October 21, 2005

Name: Alton Hornsby, III
Reg. No.: 47,299

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Minneapolis, MN 55402-0903
404.954.5100

Receipt is hereby acknowledged for the following in the U.S. Patent and Trademark Office:

In re Application of: Wolff, et al.
For: METHOD AND SYSTEM FOR SEMANTICALLY LABELING STRINGS AND PROVIDING ACTIONS BASED ON SEMANTICALLY LABELED STRINGS
Docket No.: 60001.0112US01/MS# 149368.1
Serial No.: 09/588,411
Filed: June 6, 2000
Date Mailed: June 8, 2005

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Amendment and Response
- ☒ Request for Extension of Time for 3 month(s) and fee of $1,020.00
- ☒ Other: Please charge Deposit Account No. 13-2725 in the amount of $1,020.00 for a 3-Month Extension of Time
- ☒ Return postcard

Patent
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Wolff, et al.	Examiner:	Smith, Peter J.
Serial No.:	09/588,411	Group Art Unit:	2176
Filed:	June 6, 2000	Docket:	60001.0112US01/MS# 149368.1
Due Date:	March 8, 2005		

Title: METHOD AND SYSTEM FOR SEMANTICALLY LABELING STRINGS AND PROVIDING ACTIONS BASED ON SEMANTICALLY LABELED STRINGS

CERTIFICATE UNDER 37 CFR 1.8:
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop AMENDMENT, Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 on June 8, 2005.

By: _____
Name: Alton Hornsby, III

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

27488
PATENT TRADEMARK OFFICE

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Amendment and Response
  The fee has been calculated as shown below in the "Claims as Amended" table
- ☒ Petition for Extension of Time (3-Month) and fee of $1,020.00
- ☒ Please charge Deposit Account No. 13-2725 in the amount of $1,020.00 for the 3-Mth Extension of Time
- ☒ Return postcard

CLAIMS AS AMENDED

Claims Remaining After Amendment		Highest Number Previously Paid For		Present Extra		Rate		Fee
Total Claims								
23	-	28	=	0	x	50.00	=	$0.00
Independent Claims								
4	-	4	=	0	x	200.00	=	$0.00
MULTIPLE DEPENDENT CLAIM FEE								$0.00
TOTAL FILING FEE								.00

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

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Minneapolis, MN 55402-0903
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By: _____
Name: Alton Hornsby, III
Reg. No.: 47,299
AH

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Wolff, et al.	Examiner:	Smith, Peter J.
Serial No.:	09/588,411	Group Art Unit:	2176
Filed:	June 6, 2000	Docket No.:	60001.0112US01/MS# 149368.1
Title:	METHOD AND SYSTEM FOR SEMANTICALLY LABELING STRINGS AND PROVIDING ACTIONS BASED ON SEMANTICALLY LABELED STRINGS		

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Mail Stop AMENDMENT, Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 on June 8, 2005.

By: _____
Name: Alton Hornsby, III

PETITION FOR EXTENSION OF TIME

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. §1.136(a), it is respectfully requested that a 3-month extension of time be granted in which to respond to the outstanding Office Action mailed December 8, 2004, said period of response being extended from March 8, 2005 to June 8, 2005.

Please charge Deposit Account No. 13-2725 in the amount of $1,020.00 to cover the required extension fee for a large entity.

Respectfully submitted,

MERCHANT & GOULD

_____
Alton Hornsby, III
Reg. No. 47,299

Date: June 8, 2005

Merchant & Gould, LLC
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
Telephone: 404.954.5100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Wolff, et al.	Atty. Docket:	60001.0112US01
Serial No:	09/588,411	MS Docket No.:	149368.1
Date Filed:	June 6, 2000	Examiner:	Smith, Peter J.
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Title: METHOD AND SYSTEM FOR SEMANTICALLY LABELING STRINGS AND PROVIDING ACTIONS BASED ON SEMANTICALLY LABELED STRINGS

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 8, 2005.

Alton Hornsby, III

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE

Dear Sir:

Entry of the following amendments and remarks addressing all points raised in the Office Action mailed on December 8, 2004 is respectfully requested as follows:

Amendments to the Claims are reflected in the listing of claims which begin on page 2 of this paper.

Remarks begin on page 7 of this paper.

Amendments to the Claims

1. (currently amended) For an electronic system for creating and editing an electronic document, a method for semantically labeling a string of text in the electronic document created in an application program module, the method comprising the steps of:

automatically receiving the string of text in a recognizer dynamic-link library after the entire string of text has been entered in the electronic document;

transmitting the string of text to a plurality of recognizer plug-ins;

in each of the plurality of recognizer plug-ins, annotating the string of text to determine a label; ~~plurality of labels, wherein the plurality of labels is determined based at least on the context of the string of text in the electronic document;~~

transmitting the ~~plurality of~~ labels from the recognizer plug-ins to the recognizer dynamic-link library; ~~and~~

transmitting the ~~plurality of~~ labels to the application program module; and

associating each label with the string of text .

2. (currently amended) The method of Claim 1 further comprising the step of synchronizing the ~~plurality of~~ labels received from the recognizer plug-ins before transmitting the ~~plurality of~~ labels to the application program module.

3. (currently amended) The method of Claim 1 further comprising the steps of:

receiving the ~~plurality of~~ labels in an action dynamic link library;

transmitting the ~~plurality of~~ labels to a plurality of action plug-ins; and

determining, in the action plug-ins, a plurality of actions based on each of the labels and displaying a plurality of actions received from the plurality of action plug-ins.

4. (canceled)

5. (original) A computer-readable medium having computer-executable instructions for performing the steps recited in Claim 1.

6. (currently amended) The method of Claim 1 further comprising the step of modifying the content of the electronic document to reflect the ~~plurality of~~ labels.

7. (currently amended) The method of Claim 1 further comprising the steps of:

causing the application program module to fire an event within an object model of the application program module;

causing a piece of code associated with the event to be executed when at least one of the ~~plurality of~~ labels is determined.

8. (original) The method of Claim 1 further comprising the steps of:

before the step of receiving the string of text in a recognizer dynamic-link library, determining a language of the string of text and if the language is not recognized by the recognizer dynamic-link library, then ending the method.

9. (canceled)

10. (currently amended) A method for labeling a string of text in an electronic document as the electronic document is created in an application program module, the method comprising the steps of:

as the string of text is entered into the electronic document, automatically receiving the string of text in a recognizer dynamic link library after the string of text has been entered in the electronic document and determining whether the string of text matches one of a plurality of stored strings; ~~and~~

if so, then determining a label associated with the matched stored string; and~~, wherein the label is determined based at least on the context of the string of text in the electronic document~~

associating the label with the string of text.

11. (original) The method recited in Claim 10 further comprising the step of determining a set of actions associated with the label.

12. (original) The method recited in Claim 11 further comprising displaying an indication indicating that the label has been found for the string of text.

13. (original) The method recited in Claim 12 further comprising the steps of:

determining that a user has selected the string of text; and

in response, displaying the plurality of actions to the user.

14. (currently amended) The method recited in Claim 13 further comprising the steps of:

receiving an indication that one of the plurality of actions has been selected; and

in response to receiving an indication that one of the plurality of actions has been selected, then causing the selected one of the plurality of actions ~~application program module~~ to execute ~~the selected action~~.

15. (original) A computer-readable medium having computer-executable instructions for performing the steps recited in Claim 14.

16. (currently amended) The method recited in Claim 14 wherein causing the selected one of the plurality of actions to execute comprises ~~the application program module executes the selected action by~~ determining whether an action plug-in dynamic link library assigned to the action is available; and

if so, then receiving instructions from the action dynamic link library assigned to the selected action.

17. (original) The method recited in Claim 16 further comprising the steps of:

if an action plug-in dynamic link library is not available, then using a Uniform Resource Locator assigned to the action to navigate to a Web site and download the action plug-in dynamic link library.

18. (original) The method recited in Claim 17 further comprising the step of determining metadata associated with the string of text.

19. (currently amended) A system for labeling a string in an electronic document as the string is entered into the electronic document, the system comprising:

an application program module for creating the electronic document;

a recognizer dynamic link library connected to the application program module, wherein the recognizer dynamic link library automatically receives the string after the string has been entered in the electronic document;

at least one recognizer plug-in connected to the recognizer dynamic link library, wherein the at least one recognizer plug-in receives the string, ~~and~~ annotates the string to determine a label, and associates the label with the string ~~wherein the label is determined based at least on the context of the string in the electronic document~~; and

an action dynamic link library connected to the application program module.

20. (canceled)

21. (currently amended) The system of ~~Claim 20~~ Claim 19 further comprising at least one action plug-in connected to the action dynamic link library.

22. (canceled)

23. (canceled)

24. (currently amended) The method of Claim 1 wherein the step of annotating the string of text to determine a label ~~plurality of labels~~ comprises ~~the steps of:~~ comparing the string of text with a plurality of stored strings ~~with an associated stored label~~ to determine a match~~; and~~

~~if so, then labeling the string of text with the associated stored label of the matched stored string~~.

25. (previously presented)The system of Claim 19 wherein the at least one recognizer plug-in compares the string to a plurality of stored strings to determine whether the string matches any of the stored strings.

26. (currently amended) The system of ~~Claim 26~~ Claim 24 wherein the label is associated with the matched stored string.

27. (currently amended) For an electronic system for creating and editing an electronic document, a method for semantically labeling a string of text in the electronic document created in an application program module, the method comprising the steps of:

automatically receiving the string of text in a recognizer dynamic-link library after the entire string of text has been entered in the electronic document;

transmitting the string of text to a plurality of recognizer plug-ins;

in each of the plurality of recognizer plug-ins, annotating the string of text to determine a label ~~plurality of labels, wherein the plurality of labels is determined based at least on the context of the string of text in the electronic document;~~

associating each label with the string of text;

transmitting the ~~plurality of~~ labels from the recognizer plug-ins to the recognizer dynamic-link library;

transmitting the ~~plurality of~~ labels to the application program module;

receiving the ~~plurality of~~ labels in the [[an]] action dynamic link library;

transmitting the ~~plurality of~~ labels to a plurality of action plug-ins; and

determining, in the action plug-ins, a plurality of actions based on each of the labels and displaying a plurality of actions received from the plurality of action plug-ins.

28. (previously presented) A computer-readable medium having computer-executable instructions for performing the steps recited in Claim 27.

Remarks

In response to the Office Action mailed December 8, 2004, Applicants sincerely request reconsideration in view of the above claim amendments and the following remarks. The claims as presented are believed to be in allowable condition.

In the above-referenced claim amendments, claims 1, 2, 3, 6, 7, 10, 14, 16, 19, 21, 24, 26, and 27 have been amended. Independent claims 1, 10, 19, and 27 have been amended to clarify that the string of text is automatically received as the string is being entered into an electronic document and that labels are associated with the string of text. Dependent claims 2-3, 6-7, 14, 21, 24, and 26 have been amended to conform with language in these claims with the corresponding independent claims. Claims 21 and 26 have also been amended to correct typographical errors regarding dependencies to independent claims which were noted in the present Office Action. Support for these amendments may be found on page 12, line 14 through page 14, lines 1-24 in the Specification. No new matter has been added.

Claims 1-3, 5-8, 10-19, 21, and 24-28 are currently pending in the application. Claims 1-3, 5-19, 21, and 23 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Beauregard et al. (U.S. Patent 5,974,413, hereinafter "Beauregard") in view of Church et al. (U.S. Patent 5,541,836, hereinafter "Church").

Claim Objections

Claims 21 and 26 are objected to because of various informalities noted in the Office Action. These claims have been amended to correct the noted informalities. Therefore, it is respectfully requested that the objections to these claims be withdrawn.

Claim Rejections—35 U.S.C. § 103

Claims 1-3, 5-8, 10-19, 21, and 24-28 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Beauregard in view of Church. The rejection of these claims is respectfully

traversed. Beauregard discloses a semantic user interface (SUI) from which a user is enabled to enter "action words" to control the operations of a computer. An action word may be either a single word or a phrase that includes two or more words. In the SUI, each action word is compared against the contents of a wordbase. The wordbase includes a plurality of item records. Each item record includes an action word and an associated service script for performing various actions such as issuing a command to launch an application. If the action word is located in the wordbase, the service script associated with the action word is executed. See Col. 5, lines 12-52. The SUI of Beauregard detects the keystrokes, which may make up action words, as they are being entered. If the keystrokes correspond to an action word, the service script associated with the action word is retrieved. The system then erases the action word from the user's input text before executing the related service script. See Fig. 7 and Col. 36, lines 2-25.

Amended independent claim 1 specifies a method for semantically labeling a string of text in the electronic document created in an application program module. The method includes automatically receiving the string of text in a recognizer dynamic-link library after the entire string of text has been entered in the electronic document, transmitting the string of text to a plurality of recognizer plug-ins, in each of the plurality of recognizer plug-ins, annotating the string of text to determine a label, transmitting the labels from the recognizer plug-ins to the recognizer dynamic-link library, transmitting the labels to the application program module, and associating each label with the string of text.

Beauregard fails to disclose a method which teaches, discloses, or suggests automatically receiving a string of text in a recognizer dynamic-link library after the string of text has been entered in an electronic document. As noted above, Beauregard is specifically limited to recognizing action words as they are being entered into an application program. In the Office Action, it is alleged that Beauregard also teaches receiving a string of text in a recognizer after

the entire string of text has been entered into an electronic document library (Fig. 7, col. 5, lines 12-56, and col. 36, line 63-col. 37, line 7). However, the aforementioned figure and sections of Beauregard only disclose the recognition of action words "on the fly" (see col. 5, lines 17-40 and lines 59-62) or, alternatively after a user manually selects or "highlights" a given word from a previously created input source document and then clicks an icon on a monitoring bar (see Fig. 3 and col. 36, line 63-col. 37, line 7). Thus, Beauregard fails to teach automatically receiving a string of text.

Beauregard further fails to teach associating labels with recognized strings of text. In the Office Action, it is alleged with respect to pending claim 24, that Beauregard teaches labeling strings of text (i.e., "labeling the string of text with an associated stored label of a matched stored string") at Fig. 7, col. 5, lines 12-56, and col. 36, line 63 - col. 37, line 7. However, none of the aforementioned sections teaches associating labels with recognized strings of text. For example, Col. 36, line 63 - col. 37, line 7 discloses that a user may select text in a document and then click on an icon on a monitoring bar to initiate searching a wordbase in order to determine whether the selected text is an action word. Thus, there is no teaching or suggestion in Beauregard for appending a label to recognized strings of text. Moreover, it is respectfully submitted that such a feature would be inapposite to Beauregard's intended function. As discussed above, Beauregard is directed to automatically providing or pushing actions to a user when a word is recognized as an action word. As embodied in independent claim 1 and its subsequent dependent claims, strings of text in a document are recognized by a recognizer dynamic link library and labeled (e.g., as a stock symbol, geographic location, etc.). Then actions are determined for the recognized text based on the labels and displayed to a user, thus allowing the user to select one or more of the displayed actions or even to ignore the displayed actions generated with respect to labeled strings of text.

Church, relied upon to cure the deficiencies of Beauregard, discloses a method of automatically determining that a word/sense pair has a sense which suits a given position in text. The method includes determining the sense of a given occurrence of a word by comparing a first determination with a determination of the sense of a neighboring occurrence of the word (col. 3, lines 45 through col. 4, lines 1-6). Church, however, fails to teach, disclose, or suggest each of the features of amended independent claim 1, recited above.

Since neither Beauregard nor Church teaches, discloses, or suggests each of the features specified in amended independent claim 1, this claim is allowable and the rejection of this claim should be withdrawn. Dependent claims 2-3, 5-8, and 24-26 each depend from amended independent claim 1 and thus specify at least the same features as amended independent claim 1. Therefore, dependent claims 2-3, 5-8, and 24-26 are also allowable for at least the reasons given above and the rejections of these claims should also be withdrawn. Independent claims 10, 19, and 27 specify similar features as amended independent claim 1 and thus are allowable for at least the same reasons. Therefore, the rejections of claims 10, 19, and 27 should also be withdrawn. Dependent claims 11-18 depend from independent claim 10 and thus specify at least the same features. Similarly, dependent claim 21 depends from independent claim 19 and thus specifies at least the same features. Similarly, dependent claim 28 depends from independent claim 27 and thus specifies at least the same features. Therefore, dependent claims 11-18, 21, and 28 are also allowable for the reasons given above and the rejections of these claims should also be withdrawn.

Conclusion

In view of the foregoing amendments and remarks, this application is now in condition for allowance. A notice to this effect is respectfully requested. If the Examiner believes, after

this amendment, that the application is not in condition for allowance, the Examiner is invited to call the Applicants' attorney at the number listed below.

Respectfully submitted,

MERCHANT & GOULD

Date: June 8, 2005

Alton Hornsby, III
Reg. No. 47,299

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